

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01S5/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01S H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 313 790 B2 (CHENG DAVID C ET AL) 6 November 2001 (2001-11-06)	1,14,22
Y	column 3, line 3 - column 4, line 35 column 5, line 29 - line 42 column 6, line 65 - column 11, line 44 -----	2-12,15, 16, 18-21, 23,24,33
Y	EP 1 026 519 A (EUROP DES SATELLITES SOC) 9 August 2000 (2000-08-09) abstract; figures 2,3 column 8, line 34 - line 57 column 10, line 14 - line 43 column 11, line 11 - line 32 ----- -/-	2-8,21, 23,24,33

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"Z" document member of the same patent family

Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

27/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 166 687 A (ISHIKAWA HIROYASU ET AL) 26 December 2000 (2000-12-26) abstract; figure 7 column 12, line 34 - column 13, line 4 -----	9-12
Y	US 3 643 259 A (ENTNER RONALD S) 15 February 1972 (1972-02-15) abstract; figure column 2, line 19 - line 56 column 3, line 13 - column 4, line 6 -----	15,16, 18-20